

Attorney's Docket No. 39088/205438

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Wen-Shi Huang; Shun-Chen Chang
Appl. No.: 09/709,794
Filed: November 10, 2000
For: BEARING ASSEMBLY FOR A
SHAFT HAVING REPULSIVE
MAGNETIC BEARING RINGS

Confirmation No.: 4359
Group Art Unit: 2834
Examiner: Tamai

March 28, 2003

Commissioner for Patents
Washington, DC 20231

AMENDMENT

Sir:

In response to the Office Action mailed December 9, 2002, please amend the above-identified application as follows:

In the Specification:

Page 4, lines 11-27 and page 5, lines 1-24, please amend as follows:

Fig. 3 is a schematic diagram of the magnetic bearing assembly according to the first embodiment of the present invention. The magnetic bearing assembly includes a magnetic portion and a bearing portion. The bearing portion is a sleeve bearing 5. The magnetic portion comprises an upper magnetic portion comprising three magnetic rings, i.e. 51, 52 and 53, and a lower magnetic portion comprising three magnetic rings, i.e. 511, 521 and 531. In the upper magnetic portion, the first magnetic ring 51 and the second magnetic ring 52 are connected to a base 24 associated with the stator 23 and the third magnetic ring 53 is connected to the shaft 21. The second magnetic ring 52 and the third magnetic ring 53 are disposed in radial alignment, wherein these two rings are assembled with each other to have the like polar disposition for